

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--------------------|------------------|---------|---------------------|
| L1 | 54 | 359/676.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 12:20 |
| L2 | 1 | 359/677.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 12:20 |
| L3 | 4 | 359/678.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 12:20 |
| L4 | 3 | 359/679.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 12:20 |
| L5 | 14 | 359/680.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 12:20 |
| L6 | 1 | 359/681.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 12:20 |
| L7 | 19 | 359/682.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 12:20 |
| L8 | 35 | 359/683.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 12:21 |
| L9 | 34 | 359/684.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 12:21 |
| L10 | 6 | 359/685.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 12:21 |
| L11 | 127 | 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 | US-PGPUB; USPAT | OR | ON | 2010/05/12 12:21 |

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| L12 | 33 | 359/686.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:09 |
| L13 | 55 | 359/687.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:09 |
| L14 | 4 | 359/688.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:09 |
| L15 | 38 | 359/689.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:09 |
| L16 | 9 | 359/690.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:09 |
| L17 | 17 | 359/691.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:10 |
| L18 | 4 | 359/692.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:10 |
| L19 | 132 | 12 or 13 or 14 or 15 or 16 or 17 or 18 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:10 |
| L20 | 202 | 11 or 19 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:10 |
| L21 | 37419 | (mirror\$3 or reflect\$4 or deflect\$4) with (pivot\$4) | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:11 |
| L22 | 3 | 20 and 21 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:11 |
| L23 | 146719 | (mirror\$3 or reflect\$4 or deflect\$4) with (move\$1 or moving) | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:11 |
| L24 | 22 | 20 and 23 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:11 |
| L25 | 22 | 22 or 24 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:11 |

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| L26 | 180 | 20 not 25 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:13 |
| L27 | 56449 | (mirror\$3 or reflect\$4 or deflect\$4) with (shift\$3) | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:13 |
| L28 | 1 | 26 and 27 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:13 |
| L29 | 2528 | (lens\$2 or barrel\$1) with sink\$3 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:13 |
| L30 | 0 | 20 and 29 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:13 |
| L31 | 696189 | (first) near5 (group or unit) | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:14 |
| L32 | 1845349 | (mirror\$3 or reflect\$4 or deflect\$4) | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:14 |
| L33 | 231325 | 31 and 32 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:14 |
| L34 | 84 | 26 and 33 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:14 |
| L35 | 42376 | (stop\$1 or diaphragm\$1 or iris\$2) near5 (fixed or immovabable or non- mov\$4) | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:15 |
| L36 | 0 | (stop\$1 or diaphragm\$1 or iris\$2) near5 ("not" adj mov\$6) | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:15 |
| L37 | 15 | 34 and 35 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:15 |
| L38 | 69 | 34 not 37 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:16 |
| L39 | 96 | 26 not 34 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:18 |

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| L40 | 78 | 359/811.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:20 |
| L41 | 24 | 359/813.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:20 |
| L42 | 15 | 359/817.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:20 |
| L43 | 105 | 359/819.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:20 |
| L44 | 62 | 359/822.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:20 |
| L45 | 62 | 359/823.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:20 |
| L46 | 250 | 40 or 41 or 42 or 43 or 44 or 45 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:20 |
| L47 | 250 | 46 not 20 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:20 |
| L48 | 105 | 32 and 47 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:21 |
| L49 | 0 | 29 and 48 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:21 |
| L50 | 72470 | zoom\$3 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:21 |
| L51 | 256057 | (variable or vary\$3 or varies or chang \$3) near5 (focal or power\$1 or magnification\$1) | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:22 |
| L52 | 1157 | varifocal\$1 or vari-focal\$1 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:22 |
| L53 | 3555 | variable-focal or (variable adj focal) | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:22 |

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| L54 | 10556 | variable-power or (variable adj power) | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:22 |
| L55 | 310936 | 50 or 51 or 52 or 53 or 54 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:23 |
| L56 | 90 | 47 and 55 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:23 |
| L57 | 2 | 21 and 56 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:23 |
| L58 | 7 | 23 and 56 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:24 |
| L59 | 2 | 27 and 56 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:24 |
| L60 | 0 | 29 and 56 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:24 |
| L61 | 9 | 57 or 58 or 59 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:25 |
| L62 | 81 | 56 not 61 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:25 |
| L63 | 38 | 359/726.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:26 |
| L64 | 4 | 359/733.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:26 |
| L65 | 0 | 359/734.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:26 |
| L66 | 1 | 359/735.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:26 |
| L67 | 7 | 359/736.ccls. and @pd>="20091101" | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:27 |

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| L68 | 50 | 63 or 64 or 65 or 66 or 67 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:27 |
| L69 | 24 | 55 and 68 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:27 |
| L70 | 1 | 21 and 69 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:28 |
| L71 | 14 | 23 and 69 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:28 |
| L72 | 2 | 27 and 69 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:29 |
| L73 | 0 | 29 and 69 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:29 |
| L74 | 14 | 70 or 71 or 72 or 73 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:30 |
| L75 | 10 | 69 not 74 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:30 |
| L76 | 4370 | (359/676-692).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/05/12 13:31 |
| L77 | 1273 | (mirror\$3 or reflect\$4 or deflect\$4) near7 fulcrum\$1 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:31 |
| L78 | 1 | 76 and 77 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:31 |
| L79 | 106097 | (mirror\$3 or reflect\$4 or deflect\$4) near7 rotat\$5 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:32 |
| L80 | 102 | 76 and 79 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:32 |
| L81 | 1 | 29 and 80 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:32 |

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| L82 | 101 | 80 not 81 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:32 |
| L83 | 5693 | (359/726,733- 736,811,813,817,819,822-823).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/05/12 13:34 |
| L84 | 1555 | 55 and 83 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:35 |
| L85 | 1 | 77 and 84 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:35 |
| L86 | 127 | 79 and 84 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:35 |
| L87 | 121 | 86 not 80 | US-PGPUB; USPAT | OR | ON | 2010/05/12 13:36 |
| L88 | 1431 | (lens\$2 near2 barrel\$1) near5 (sink \$4 or collaps\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:37 |
| L89 | 100452 | (mirror\$3 or reflect\$4) near3 (move \$1 or moving or movable or withdrawn or shift\$3 or pivot\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:37 |
| L90 | 40 | 88 and 89 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:38 |
| L91 | 107884 | zoom\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:38 |
| L92 | 351869 | (variable or vary\$3 or varies or chang \$3) near5 (focal or power\$1 or magnification\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:38 |
| L93 | 1506 | varifocal\$1 or vari-focal\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:38 |

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| L94 | 4781 | variable-focal or (variable adj focal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:38 |
| L95 | 19025 | variable-power or (variable adj power) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:39 |
| L96 | 434640 | 91 or 92 or 93 or 94 or 95 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:39 |
| L97 | 32 | 90 and 96 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:39 |
| L98 | 46917 | (mirror\$3 or reflect\$4 or deflect\$4) with (pivot\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:40 |
| L99 | 109038 | (mirror\$3 or reflect\$4 or deflect\$4) near5 (move\$1 or moving) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:40 |
| L100 | 39797 | (mirror\$3 or reflect\$4 or deflect\$4) near5 (shift\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:41 |
| L101 | 175422 | 98 or 99 or 100 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:41 |
| L102 | 18545 | 96 and 101 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:41 |
| L103 | 58 | 88 and 102 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:41 |

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| L104 | 82527 | (mirror\$3 or reflect\$4) near3 (fulcrum\$1 or rotat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:43 |
| L105 | 18 | 88 and 104 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:43 |
| L106 | 10153 | 96 and 104 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:44 |
| L107 | 14 | 88 and 106 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/05/12 13:44 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-------------|------------------|---------|------------------|
| L108 | 0 | zoom\$3 with ((third) near5 (group or unit)) with (reflect\$4 or deflect\$4) with (aspher\$5 or non-spher\$5) with sink\$3 with (fulcrum\$1 or pivot\$4). clm. | USPAT; UPAD | OR | ON | 2010/05/12 13:46 |
| L109 | 0 | (variable or vary\$3 or varies or chang\$4) with ((third) near5 (group or unit)) with (reflect\$4 or deflect\$4) with (aspher\$5 or non-spher\$5) with sink\$3 with (fulcrum\$1 or pivot\$4). clm. | USPAT; UPAD | OR | ON | 2010/05/12 13:47 |

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|------|---|--|-------------|----|----|------------------|
| L110 | 0 | (varifocal\$1 or vari-focal\$1) with ((third) near5 (group or unit)) with (reflect\$4 or deflect\$4) with (aspher\$5 or non-spher\$5) with sink\$3 with (fulcrum\$1 or pivot\$4).clm. | USPAT; UPAD | OR | ON | 2010/05/12 13:48 |
| L111 | 0 | ((variable-focal) or (variable adj focal)) with ((third) near5 (group or unit)) with (reflect\$4 or deflect\$4) with (aspher\$5 or non-spher\$5) with sink\$3 with (fulcrum\$1 or pivot\$4).clm. | USPAT; UPAD | OR | ON | 2010/05/12 13:48 |
| L112 | 0 | ((variable-power) or (variable adj power)) with ((third) near5 (group or unit)) with (reflect\$4 or deflect\$4) with (aspher\$5 or non-spher\$5) with sink\$3 with (fulcrum\$1 or pivot\$4).clm. | USPAT; UPAD | OR | ON | 2010/05/12 13:49 |

5/ 12/ 10 1:49:58 PM
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